

§ 205.153

These levels refer to noise emissions as measured in accordance with the measurement methodologies specified in appendix I. LNEP's must also meet all requirements contained in paragraphs (a)(3), (4), and (5), of this section.

(Secs. 10 and 15 of the Noise Control Act, (42 U.S.C. 4909, 4914))

§ 205.153 Engine displacement.

(a) Engine displacement must be calculated using nominal engine values and rounded to the nearest whole cubic centimeter, in accordance with American Society for Testing Materials (ASTM) E 29-67.

(b) For rotary engines, displacement means the maximum volume of a combustion chamber between two rotor tip seals minus the minimum volume of that combustion chamber between those two rotor seals times three times the number of rotors.

$$\text{cc} = (\text{Maximum chamber volume} - \text{minimum chamber volume}) \times 3 \times \text{number of rotors.}$$

§ 205.154 Consideration of alternative test procedures.

The Administrator may approve applications from manufacturers of motorcycles for the approval of test procedures which differ from those contained in this subpart so long as the alternative procedures have been demonstrated to correlate with the prescribed procedure. To be acceptable, alternative test procedures must be such that the test results obtained will identify all those test motorcycles which would not comply with the noise emission standards prescribed in § 205.152 when tested in accordance with the measurement methodology specified in Appendix I. After approval by the Administrator, testing conducted by manufacturers using alternative test procedures will be accepted by the Administrator for all purposes including, but not limited to, selective enforcement audit testing.

[45 FR 86708, Dec. 31, 1980, as amended at 47 FR 57720, Dec. 28, 1982]

40 CFR Ch. I (7-1-11 Edition)

§ 205.155 Motorcycle class and manufacturer abbreviation.

(a) Motorcycles must be grouped into classes determined by separate combinations of the following parameters:

- (1) Engine type:
 - (i) Gasoline—two stroke.
 - (ii) Gasoline—four stroke.
 - (iii) Gasoline—rotary.
 - (iv) Other.
- (2) Engine displacement.
- (3) Engine configuration:
 - (i) Number of cylinders.
 - (ii) Cylinder arrangement (i.e., in line, opposed, etc.).
- (4) Exhaust system:
 - (i) Muffler: (A) Type, (B) Location, (C) Number.
 - (ii) Expansion chambers: (A) Location, (B) Size.
 - (iii) Spark arrestors.
 - (iv) Other exhaust system components.

§ 205.156 [Reserved]

§ 205.157 Requirements.

§ 205.157-1 General requirements.

(a) Each manufacturer of vehicles manufactured for distribution in commerce in the United States which are subject to the standards prescribed in this subpart and not exempted in accordance with Subpart A, § 205.5:

(1) Shall be labeled in accordance with the requirements of § 205.158 of this subpart.

(2) Must ensure that each vehicle conforms to the applicable noise emission standard established in § 205.152 of this subpart.

(b) The requirements of paragraph (a) of this section apply to new products which conform to the definition of vehicles in these regulations and at the time such new products are assembled to that state of completeness in which the manufacturer sends them to a subsequent manufacturer or otherwise distributes them in commerce.

(c) Subsequent manufacturers of a new product which conforms to the definition of vehicle in these regulations when received by them from a prior manufacturer, need not fulfill the requirements of paragraph (a)(1) of this section where such requirements have